

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010940.D
 Acq On : 12 Oct 2022 14:32
 Operator : KP/MD
 Sample : N5082-01RE
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FLORENCE-COMP-1-FLORENCE-VOC-1

Quant Time: Oct 13 05:35:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

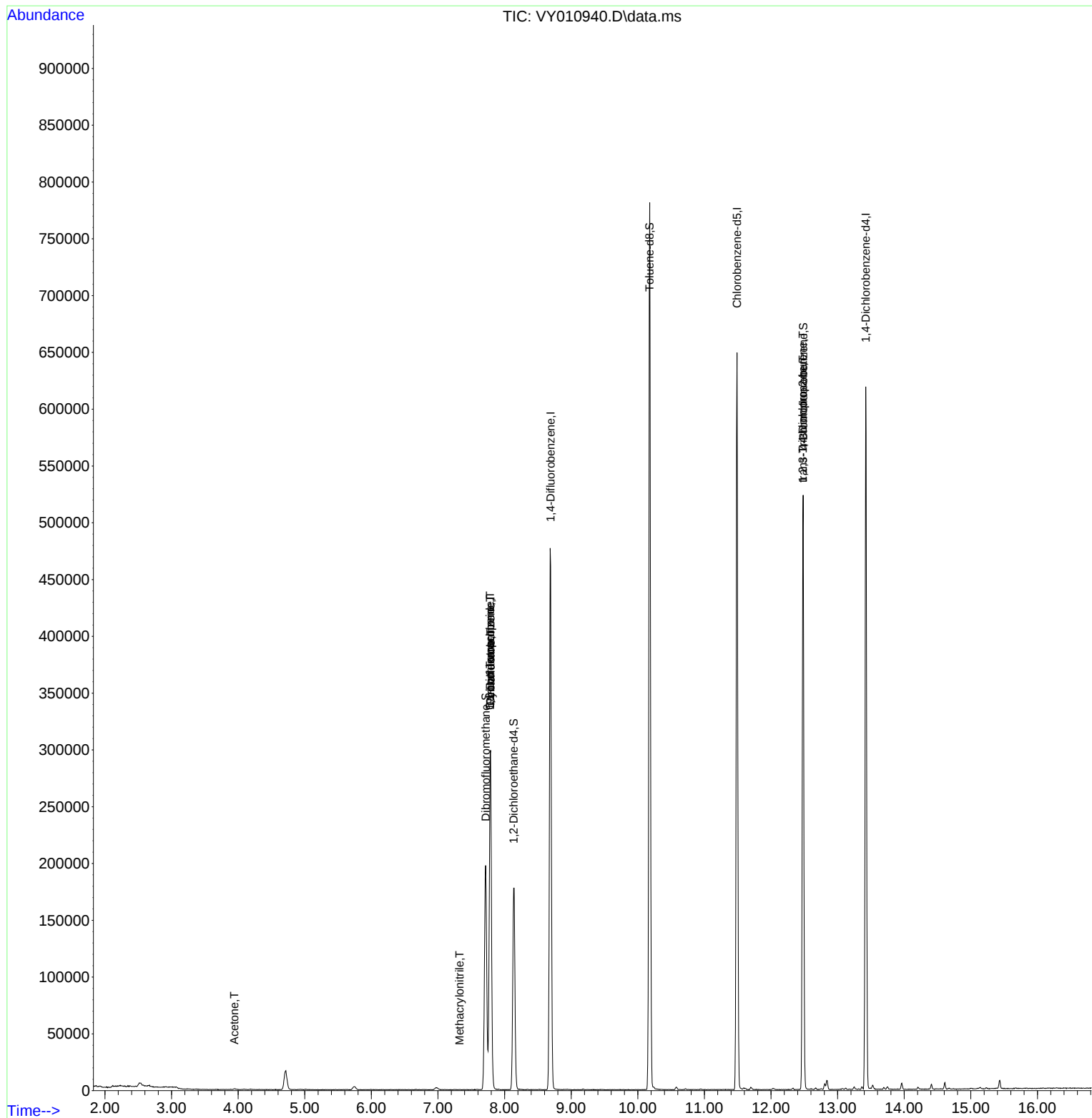
Internal Standards						
1) Pentafluorobenzene	7.789	168	232082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	407687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141148	60.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.000%	
35) Dibromofluoromethane	7.716	113	142357	52.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.179	98	507813	54.869	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.740%	
62) 4-Bromofluorobenzene	12.483	95	161562	44.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	318	Below Cal	#	77
16) Acetone	3.942	43	1153	1.930	ug/l	94
20) Methylene Chloride	4.716	84	12862	Below Cal	#	83
31) Cyclohexane	7.789	56	4794	1.139	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	17981	4.603	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	22769	5.596	ug/l	# 16
41) Methacrylonitrile	7.326	41	30	2.607	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	82038	51.966	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	82038	108.552	ug/l	# 7

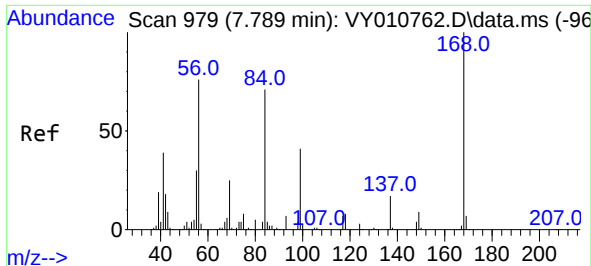
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
Data File : VY010940.D
Acq On : 12 Oct 2022 14:32
Operator : KP/MD
Sample : N5082-01RE
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

Quant Time: Oct 13 05:35:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

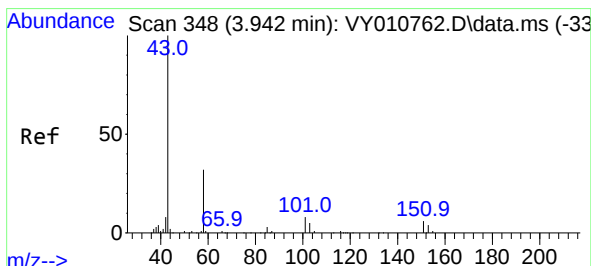
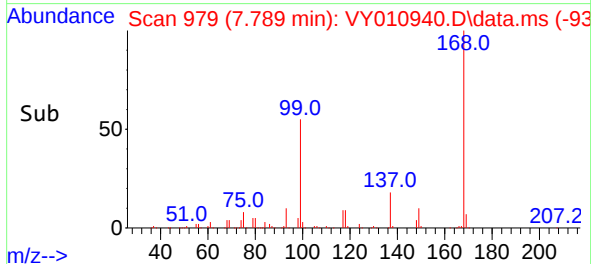
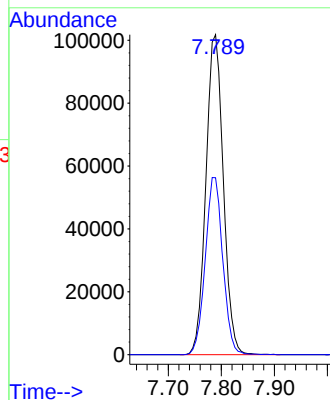
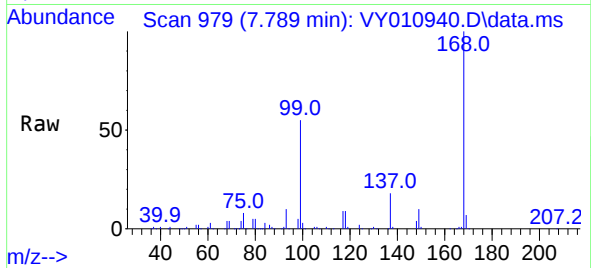




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

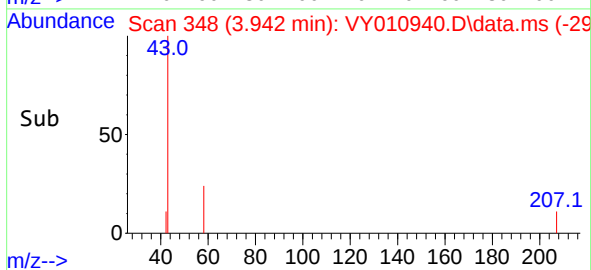
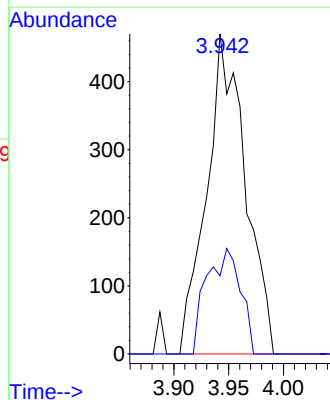
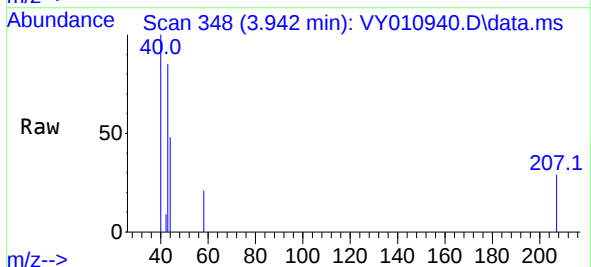
Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

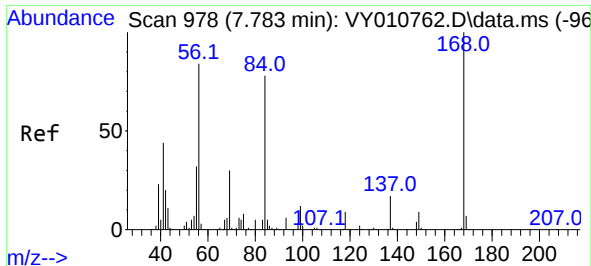
Tgt Ion:168 Resp: 232082
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#16
Acetone
Concen: 1.930 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 24.5 22.0 33.0

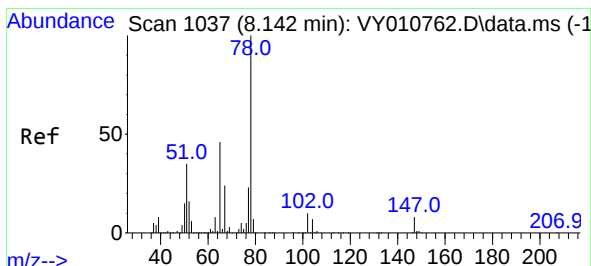
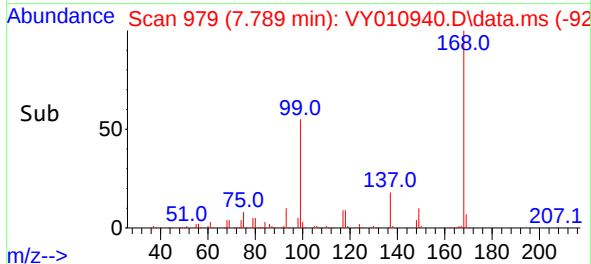
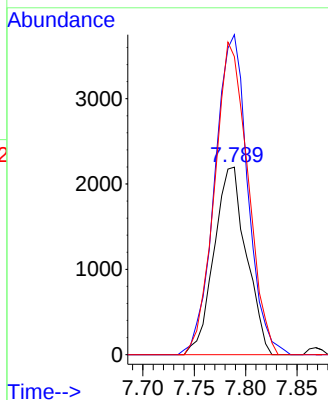
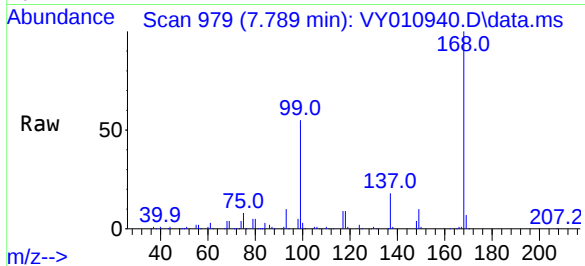




#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

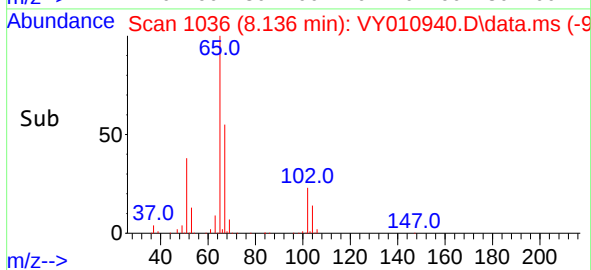
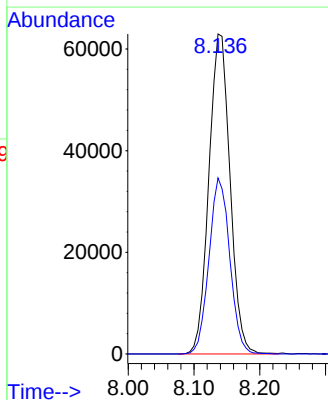
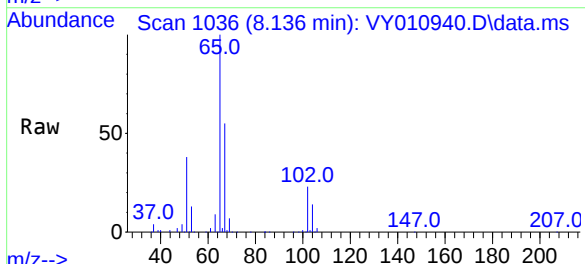
Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

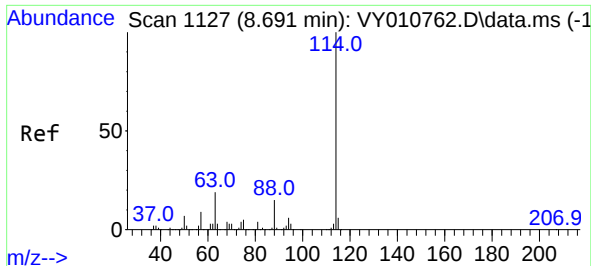
Tgt Ion: 56 Resp: 4794
Ion Ratio Lower Upper
56 100
69 170.7 26.7 40.1#
84 159.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.001 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

Tgt Ion: 65 Resp: 141148
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010940.D

Acq: 12 Oct 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :

FLORENCE-COMP-1-FLORENCE-VOC-1

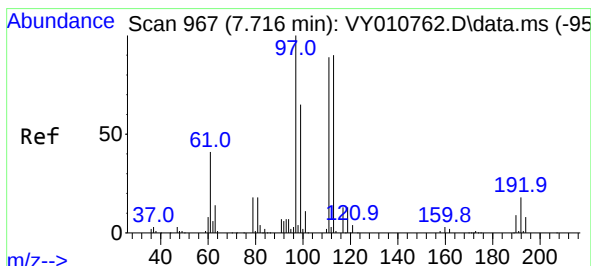
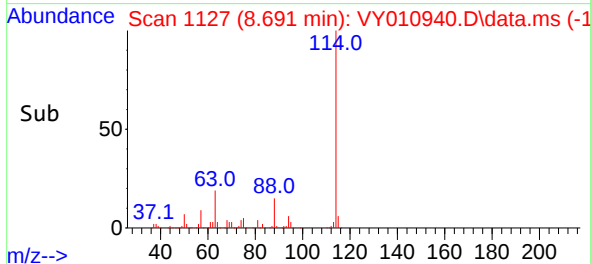
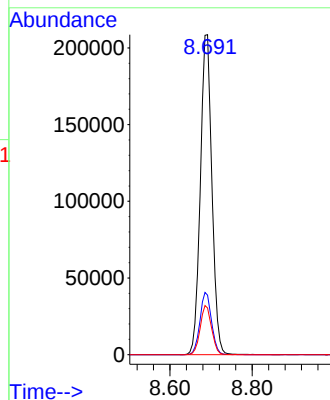
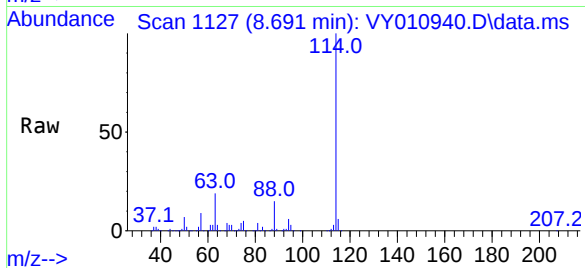
Tgt Ion:114 Resp: 407687

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.603 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010940.D

Acq: 12 Oct 2022 14:32

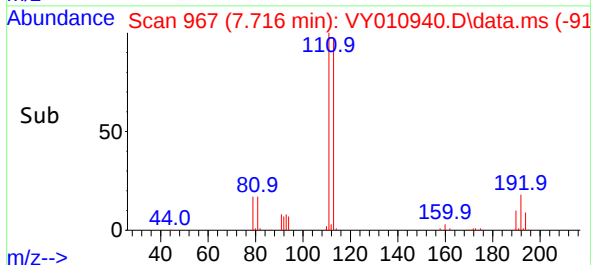
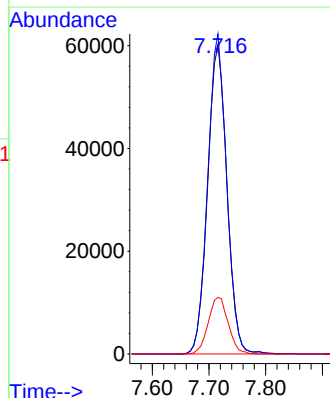
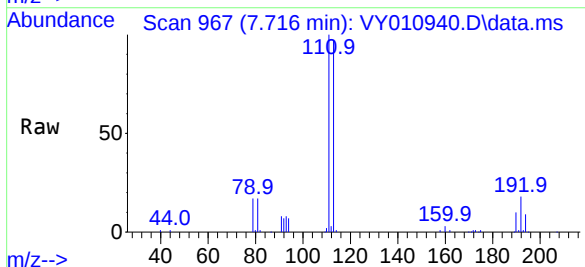
Tgt Ion:113 Resp: 142357

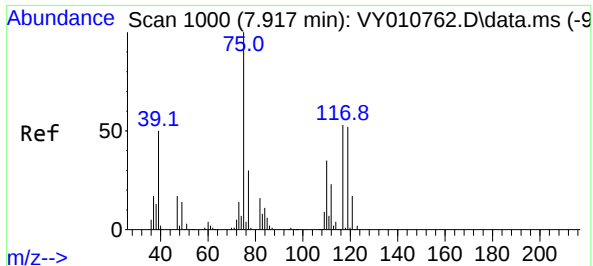
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.9 17.6 26.4

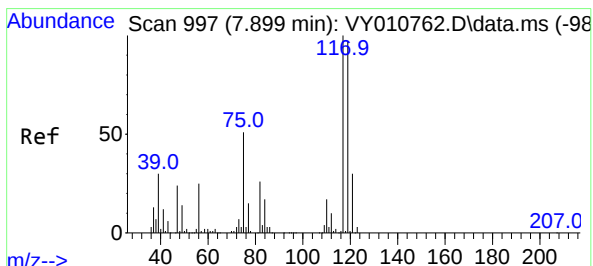
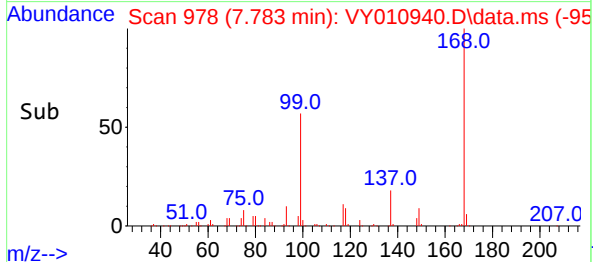
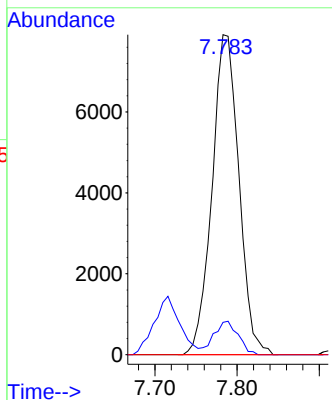
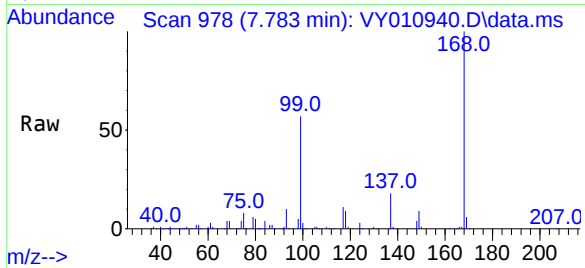




#36
1,1-Dichloropropene
Concen: 4.603 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

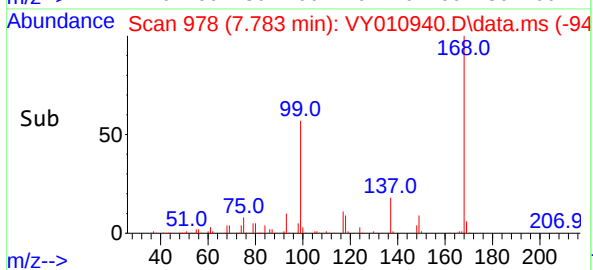
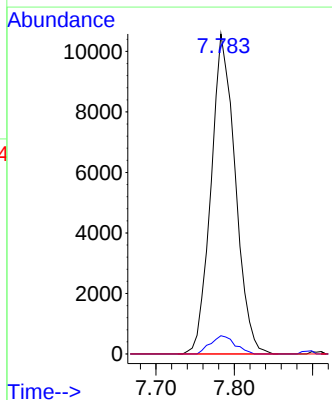
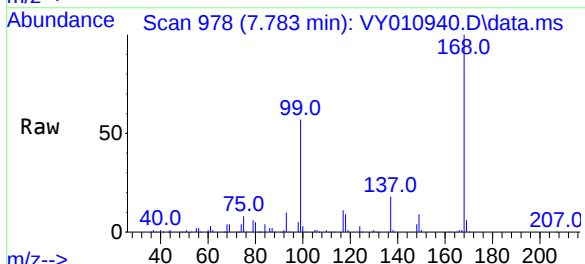
Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

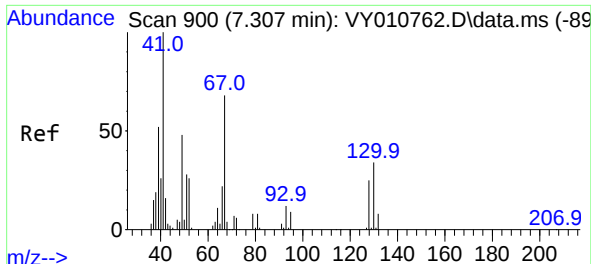
Tgt Ion: 75 Resp: 17981
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.596 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

Tgt Ion: 117 Resp: 22769
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

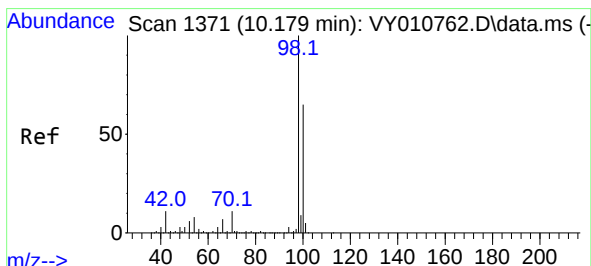
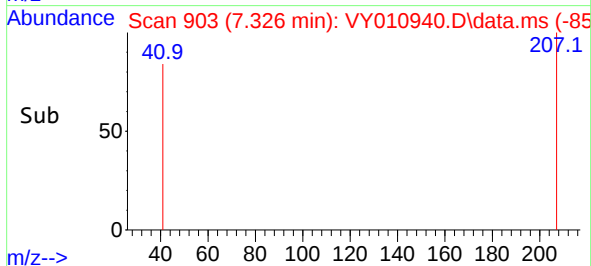
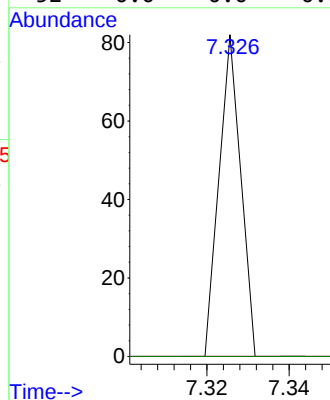
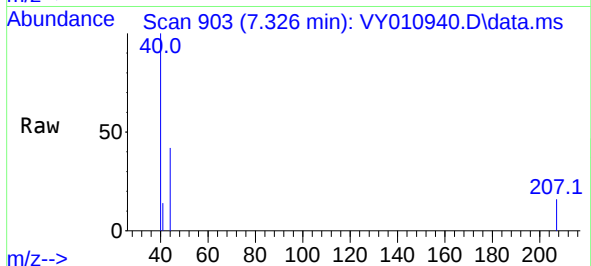




#41
Methacrylonitrile
Concen: 2.607 ug/l
RT: 7.326 min Scan# 900
Delta R.T. 0.019 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

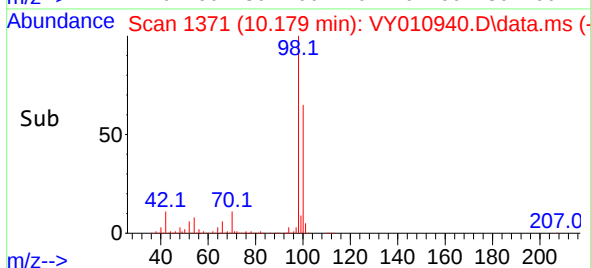
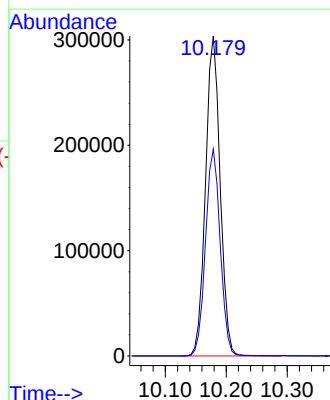
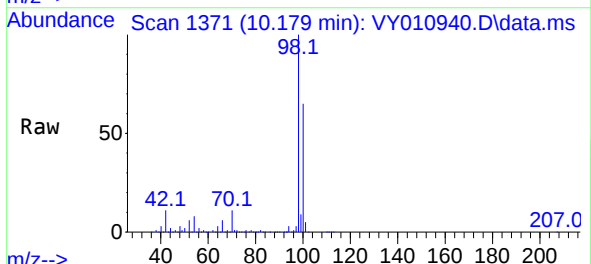
Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

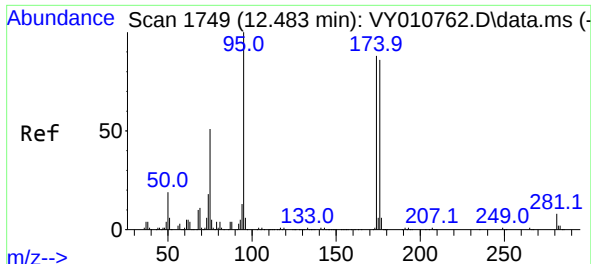
Tgt Ion: 41	Resp: 30
Ion Ratio	Lower Upper
41 100	
39 0.0	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 54.869 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

Tgt Ion: 98	Resp: 507813
Ion Ratio	Lower Upper
98 100	
100 65.1	50.2 75.2

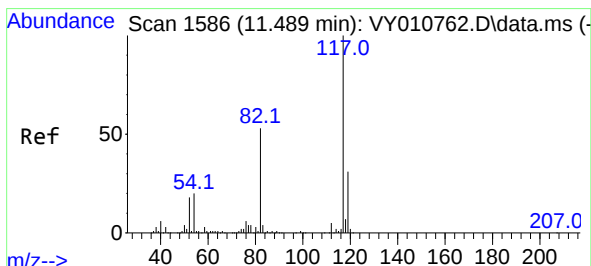
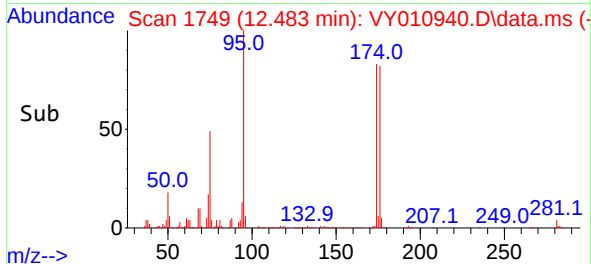
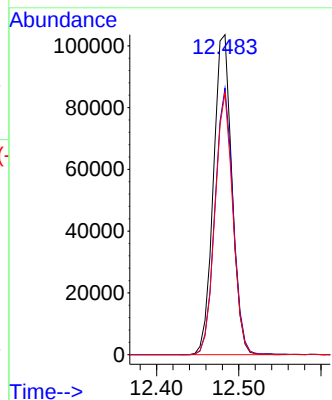
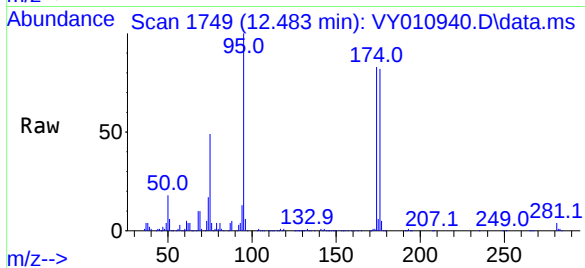




#62
4-Bromofluorobenzene
Concen: 44.260 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

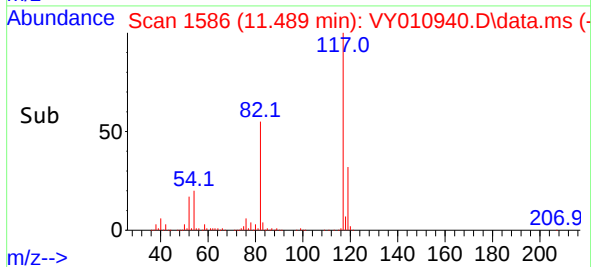
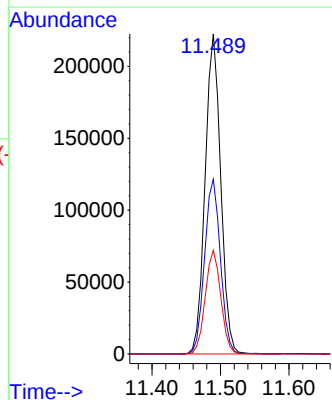
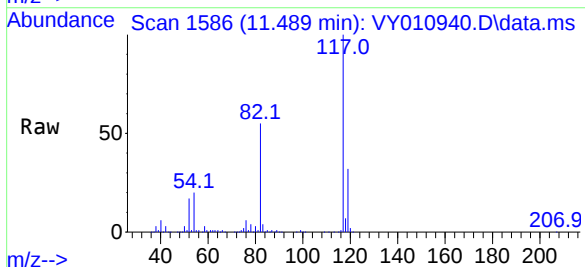
Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

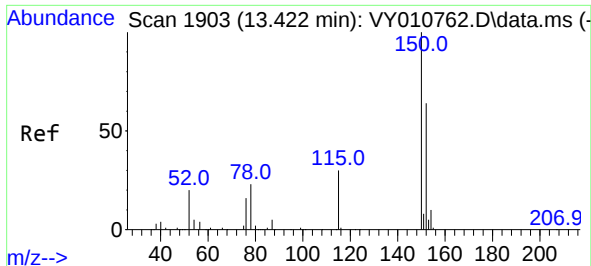
Tgt Ion: 95 Resp: 161562
Ion Ratio Lower Upper
95 100
174 81.9 0.0 177.0
176 78.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

Tgt Ion: 117 Resp: 352851
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.4 25.4 38.0

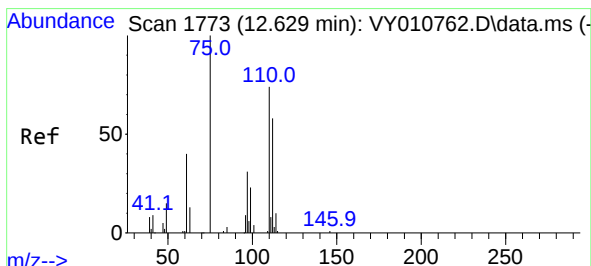
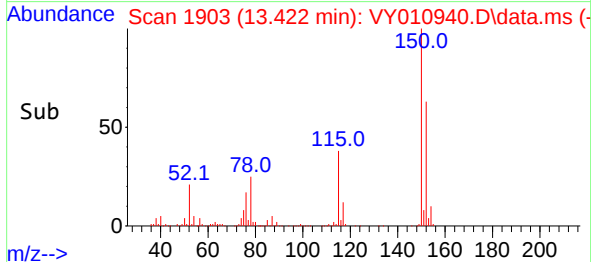
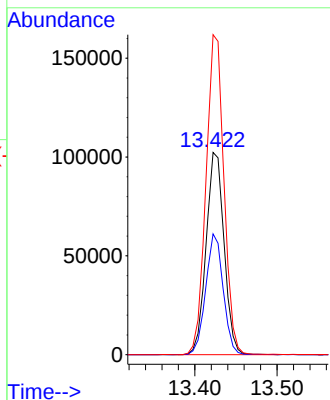
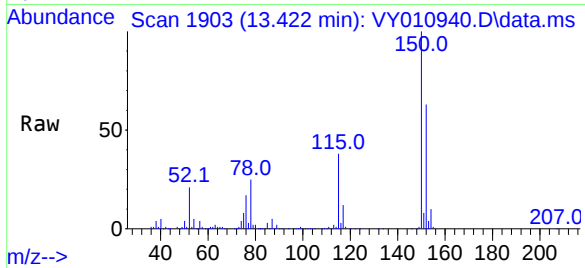




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

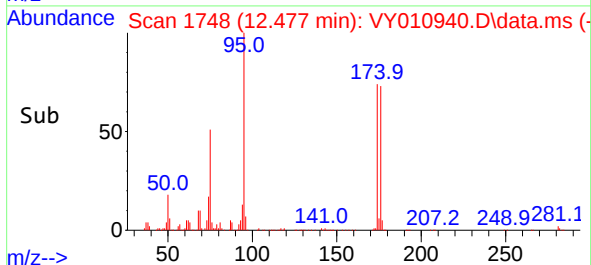
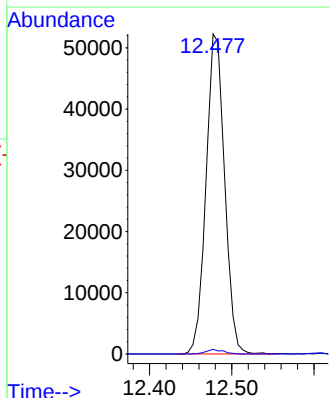
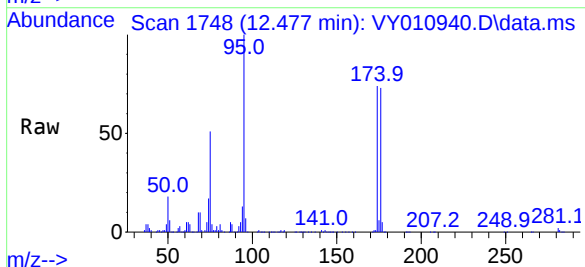
Instrument : MSVOA_Y
ClientSampleId : FLORENCE-COMP-1-FLORENCE-VOC-1

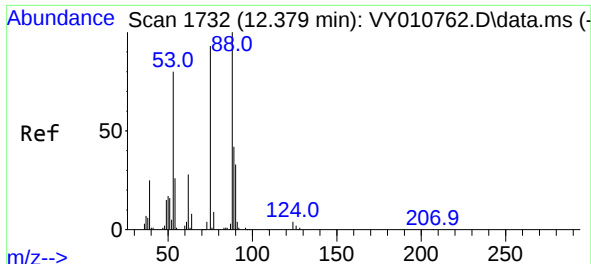
Tgt Ion:152 Resp: 155891
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.966 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

Tgt Ion: 75 Resp: 82038
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.552 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010940.D
 Acq: 12 Oct 2022 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 FLORENCE-COMP-1-FLORENCE-VOC-1

Tgt Ion: 75 Resp: 82038
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

